

Homework #72B

Find each angle measure to the nearest degree.

1) $\cos Z = 0.9848$

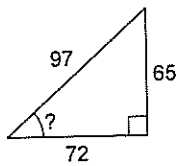
2) $\sin W = 0.1045$

3) $\cos W = 0.9925$

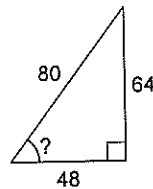
4) $\sin C = 0.5150$

Find the measure of the indicated angle to the nearest degree.

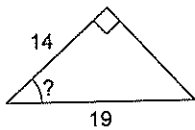
5)



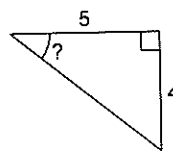
6)



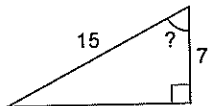
7)



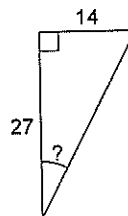
8)



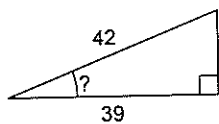
9)



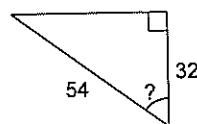
10)



11)

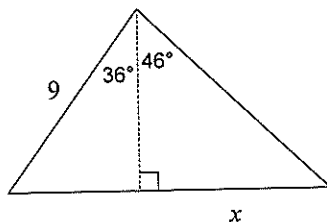


12)



Find the length of the side labeled x . Round intermediate values to the nearest tenth. Use the rounded values to calculate the next value. Round your final answer to the nearest tenth.

13)

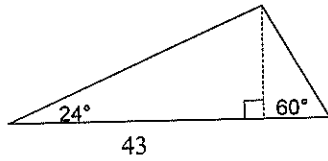


14)

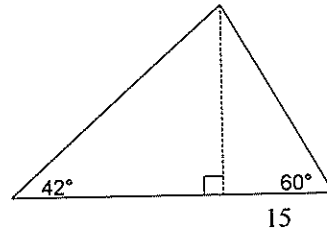


Find the area of each triangle. Round intermediate values to the nearest tenth. Use the rounded value to calculate the next value. Round your final answer to the nearest tenth.

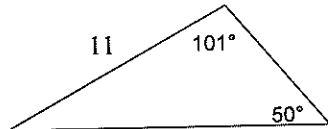
15)



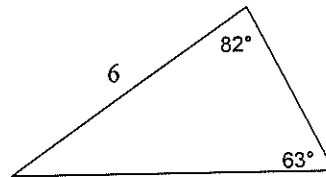
16)



17)

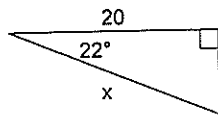


18)

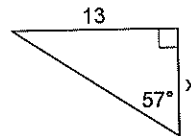


Find the missing side. Round to the nearest tenth.

19)

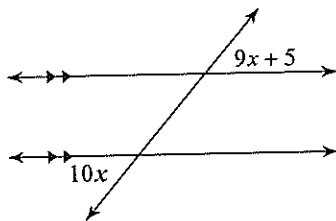


20)

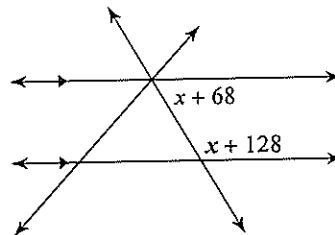


Find the measure of the angle indicated in bold.

21)

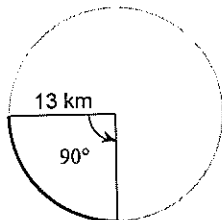


22)



Find the length of each arc.

23)



24)

